VuePoint™

There's no easier,
or faster, or more
foolproof way to
interact with a
computer.

VuePoint™

for fast, inte

When you design VuePoint into a system, you're putting human nature to work for you. Users can enter or retrieve data from your computer without computer skills or even typing skills. You simply point at the desired choice. VuePoint's 240 touch-sensitive areas make operation foolproof...and fast. VuePoint integrates the advanced technologies of Gas Plasma Display, Touch Input Sensing and Microprocessor Intelligence in a compact, versatile and complete terminal. Selectable character sets can make your system more flexible and universal.

A total terminal fully packaged for OEM and end-user applications. Combines alphanumeric display with touch-input sensing and microprocessor controller. Power supply is built in, so you just plug in and run. No additional equipment required.

Bright, easy-to-read display has 12 lines of 40 characters each. Display features include format control, auto-scroll, selected field erase, protected fields, multiple blink rates, dual intensity and random cursor positioning.

Simple and direct touch input. On the display there are 240 software selectable sensitive and invisible switch locations. These allow natural and flexible user interaction. Upon touching the display screen at a sensitized location, information is sent to the host computer and audible feedback is given to the user.

No More Lengthy dialogues with host computer. A single touch replaces many key strokes. A single command from your computer activates any 1 of up to 51 display pages. The pages may be downline loaded with frequently used displays, eliminating the need for the host computer to regenerate previously shown data. Microprocessor with built-in firmwear simplifies communication with host.

Standard communications. VuePoint features standard RS-232 computer interface with selectable 300 to 19,200 baud rate. ASCII characters and simple to use escape sequences make VuePoint suitable for use with all computers.
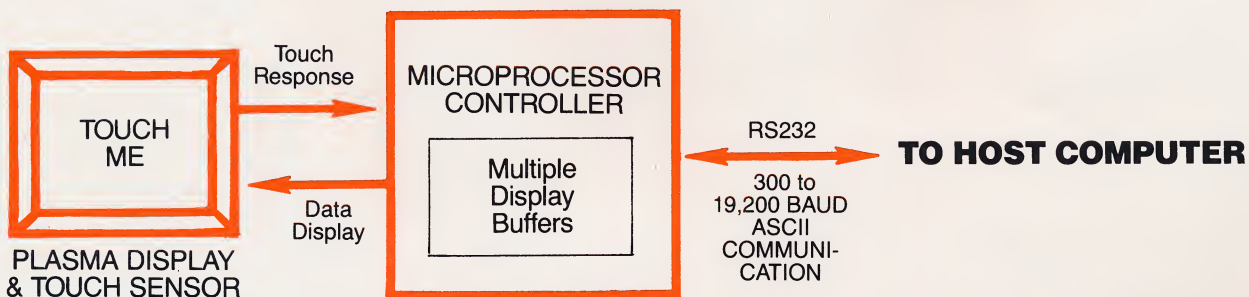
FOLLOWING ARE SOME OF THE APPLICATIONS FOR WHICH VUEPOINT IS NOW BEING USED

Automated test Equipment. VuePoint is increasing the intelligence of test equipment for major airframe and automotive manufacturers. Through menu selection it has reduced operator time for data input and simplified interpretations of control response.

Point-of-sale terminal. VuePoint has been applied to order entry in a restautrant environment. Menu selection is displayed at the kitchen station...and once entered into the computer, billing and inventory control are accomplished.

Here's How VuePoint works:
VuePoint and your host computer application software combine to provide natural man-machine interaction

TOUCH ME

Touch Response

Data Display

PLASMA DISPLAY & TOUCH SENSOR

MICROPROCESSOR CONTROLLER

Multiple Display Buffers

RS232

300 to 19,200 BAUD ASCII COMMUNI-CATION

TO HOST COMPUTER

lligent human/system interaction.

Training aid. Units have been installed in an aircraft cockpit simulator for training of commercial airline pilots. Its compactness allows for easy installation within limited space applications.
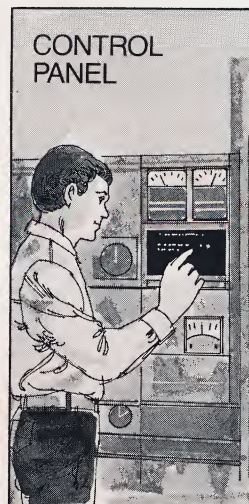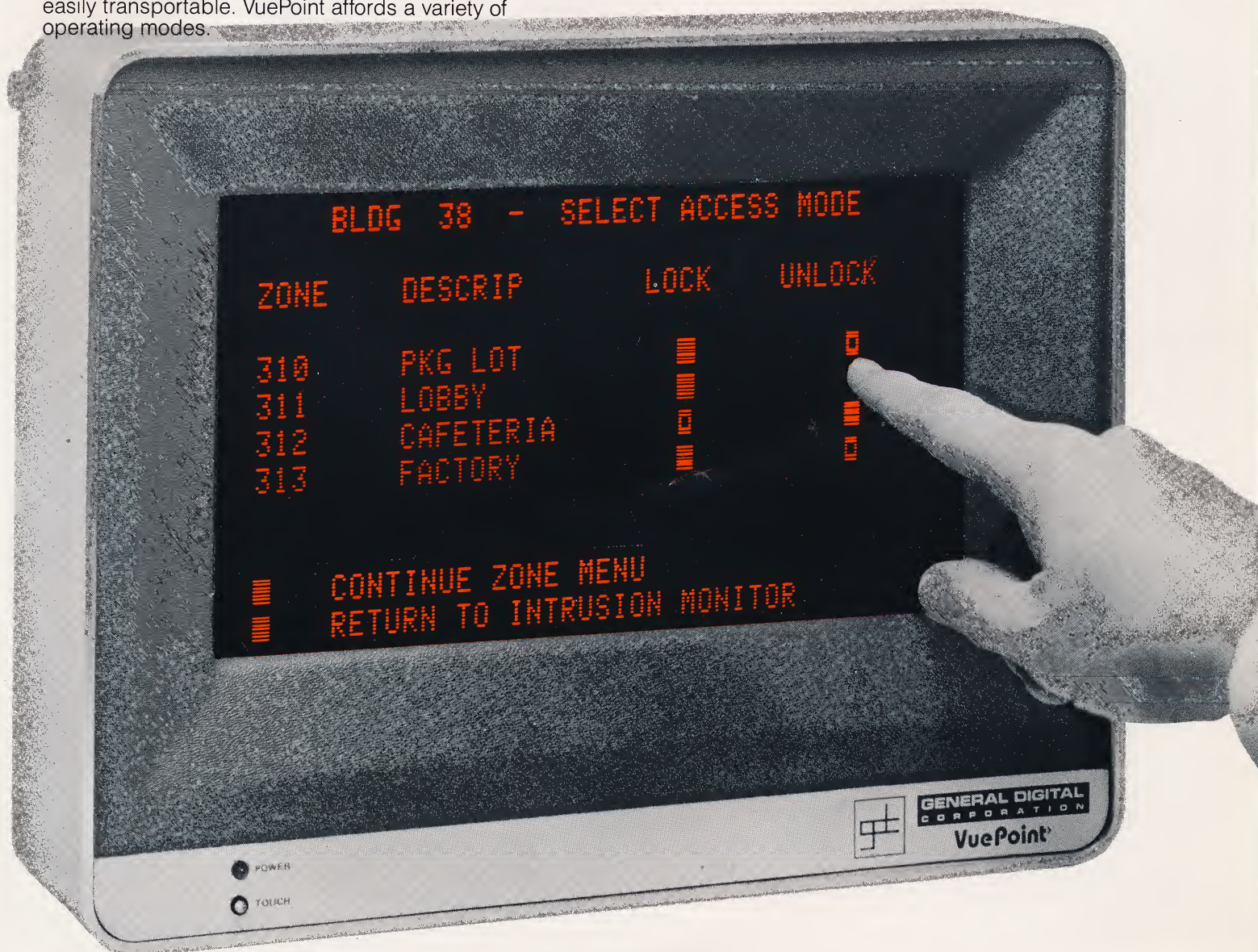
Industrial control. VuePoint represents an important milestone in the design of control systems. It serves as a display, function entry panel, alarm console, and status annunciator.

Industrial/Military Security Systems. Function buttons are dynamically displayed on the screen. The display simplifies all the control inputs of large consoles. Only the buttons needed at any one time are displayed thereby eliminating panel clutter and operator confusion.

Functional, sturdy, slim, lightweight. VuePoint is packaged as a compact display (12″ w x 9″ h x 2¾″ d) and a separate microprocessor based controller (12″ w x 9″ h x 6½″ d). The units can be combined or separated up to 10′. The combined weight is 18 lbs. and a convenient carrying handle makes the units easily transportable. VuePoint affords a variety of operating modes.

DESKTOP

CONTROL PANEL

WALL MOUNTED

BLDG 38 - SELECT ACCESS MODE

ZONE   DESCRIP   LOCK   UNLOCK

310   PKG LOT
311   LOBBY
312   CAFETERIA
313   FACTORY

CONTINUE ZONE MENU
RETURN TO INTRUSION MONITOR

POWER

TOUCH

GENERAL DIGITAL CORPORATION

VuePoint

FAST FACTS ABOUT VuePoint™

DISPLAY FORMAT
- 480 characters
- 12 Lines of 40 Characters Per Line (each character 0.14″ W x 0.26″ H)
- 96 Displayable characters Plus Optional Special User Character Sets
- 5 x 7 Dot Matrix Characters and special symbols
- High Brightness Gas Plasma Panel
- Blinking Character and Blinking Cursor Capability
- Wide Viewing Angles (100° min. horizontal, 45° min. vertical)

OPERATOR INTERFACE
- 12 x 20 Resolution Infrared Touch Scanner
- Audible 'BEEP' Provides Operator Feedback of Touch-Input Action
- Connector for Attaching Optional Keyboard and Printer

COMMUNICATIONS
- EIA RS232 Full Duplex
- Selectable 300, 600, 1200, 2400, 4800, 9600, or 19,200 BAUD
- Selectable Even, Odd or No Parity
- ASCII, 7-Bit, 1 or 2 Stop Bits—Other Codes Optional

SPECIAL FUNCTIONS AND CAPABILITIES
- Alternate Character Set
- Protected Fields
- Scroll or Block Data Format
- Software Controlled Cursor Positioning and Enable/Disable
- Clear Screen, Erase Buffer, Erase from Home to Cursor, Erase from Cursor to End of Page, and Erase from Cursor to End of Line

The Standard Model includes display, touch scanner, microprocessor controller, standard wraparound enclosures, 3 pages of display memory, keyboard & printer connectors, RS/232 connector, and 8 inch display/controller interconnecting cable.

- Switch Selectable Automatic Line Feed at End of Line and Automatic Carriage Return/Line Feed
- Right to left Entry in Definable Field Widths
- Software Controlled Tabs
- Multiple (Expandable) Display Pages Store Display Images for Dynamic Recall at Any Time
- Any Display Page may be Edited While Another is Being Displayed
- Page to Page Copy Feature Eliminates Retransmission of Display Information by Host Computer
- Selective Enable/Disable Touch Response Feature Defines up to 240 Touch Sensitive Areas
- Touch Response in Matrix or Screen Echo Mode

POWER REQUIREMENT
- 105-130 VAC @ 47-63Hz, 100 Watts Nominal
- 110/220 @ 47-440Hz Optionally Available

DIMENSIONS
- DISPLAY: 12″ w x 9″ h x 2¾″ d —6 lbs.
- CONTROLLER: 12″ w x 9″ h x 6½″ d —12 lbs.
- Display and Controller Separable Up to 10 ft.
- Other OEM Mounting Configurations Available

ENVIRONMENT
- 10-50°C—Operating Temperature
- 0-70°C—Storage Temperature
- 10-90%RH (Non-Condensing)

VuePoint™ is a trademark of General Digital Corporation

General Digital Corporation

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